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FRANK. C54234
FILE NO. 01-7

Frankel Manufacturing Co.

U.S. EPA I.D. No. 8ESF0B03


2162241 - R8 SDMS

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VIII
FIELD OPERATIONS BRANCH

~~Criminal Investigation~~ Sampling Report

DATE OF SAMPLING: April 25, 1985

FACILITY: Frankel Manufacturing Co.

LOCATION: 5125 Race Court
Denver, Colorado

ESD Sampling Team:

PARTICIPANTS: J. Leo Martinez, US EPA

Donna K. Inman, US EPA

Jerry Cross, US EPA

Julie L. Mahoney, US EPA

WEATHER CONDITIONS: 37⁰ F, overcast with rain and snow showers

TIME IN: 900

TIME OUT: 1700

On April 25, 1985, personnel from the Environmental Services Division and Waste Management Division accompanied the NEIC investigators to Frankel Manufacturing Company located at 5125 Race Court. The purpose of the visit was to collect samples of soil and drummed materials.

Wearing air purifying respirators, a preliminary survey of the area was conducted using a HNU photionizer to determine areas of possible hazardous waste and the appropriate safety equipment needed by the samplers. Drums to be sampled were marked with orange spray paint and soil sample locations were marked using orange flag markers.

There were 27 sample sites with a total of 87 8-oz. jars, including the blank sample. Three 8-oz. jars of samples were collected from each site and a triplicate sample (9 jars) was collected from one drum. Each sample container was decontaminated with soap and water, when possible, or the jar was placed into a baggie; labeled with a sample tag; and placed into a ziploc bag. Each drum that was sampled was painted with a site identification number. The drums had no accumulation dates nor hazardous waste labeling.

Sample sites F1 through F7 were sampled wearing air purifying respirators. Sample sites F8 through F27 were sampled without respiratory protection. The following table lists the sample sites and descriptions.

SAMPLES COLLECTED FROM FRANKEL MANUFACTURING

<u>Site No.</u>	<u>Sample Time</u>	<u>Sample Description</u>
	<u>4/25/85</u>	
F-1	1038	55-gallon drum labeled "Petronate L" located on the first row of drums, about 50 ft. north of the south edge of the parking lot. Sample was a purple liquid.
F-2	1051	55-gallon drum labeled "McKessol 8530" and "white mineral oil" located about 40 feet from the south edge of SE corner of parking lot. Sample was a purple liquid.
F-3	1110	55-gallon drum labeled "Petronate L" located about 30 feet from the south edge of SE corner of parking lot. The lid was removed to collect the sample. Sample was a orange colored multiphase liquid.
F-4	1119	55-gallon drum labeled "Uni-Cool" Heavy Duty Coolant located about 15 feet from the south edge of the SE corner of the parking lot. Sample was an orangish brown liquid.
F-5	1130	55-gallon drum labeled "Diethylamine" located about 15 feet from the south edge of SE corner of parking lot. When the bung was removed observers stated the presence of a strong irritating odor. Sample was a clear liquid.

F-6	1140	55-gallon drum with no printed label. A piece of white graph paper was taped to the drum; the following writing was on the paper, "Don't Use", "Plasecheck, Mark 33", "711 All Mixed Together", signed "Jerry". The drum was about 55-feet west of the east edge of the SE parking lot. The sample was a clear liquid with white and cream colored globs floating in it.
F-7	1200	55-gallon drum labeled "Zip Allpurpose Multi-Cleanser" located just inside the south door of the south building. Sample was purple liquid. Observers noted a "toulene-xylene" odor in the area. The triplicate sample was collected at this site.
F-8	1320	Bluish-black wax from a pan in the hot wax room of the plant.
F-9	1339	55-gallon drum labeled "Benol" and "White Mineral Oil" located about 25 feet south of the SW corner of the south building near the property fence and to the south of the storm drain. Sample was a mulitphased brownish yellow multiphased liquid. A strong odor was present.
F-10	1356	55-gallon drum with no label located about 30 feet south of the SW corner of the south building near the property fence, on the second tier of drums.

F-11	1408	55-gallon drum labeled "flammable liquid" located about 50 feet south of the SW corner of the south building near the south property fence.
F-12	1415	55-gallon drum with no visible label located in the SW corner of property.
F-13	1428	55-gallon drum labeled "EZ MUL-DP" located adjacent to the west fence, in the SW corner of property. Sample was a purple liquid.
F-14	1444	55-gallon drum with no visible label, the tenth barrel counting from the south fence, located in the SW corner of property. Sample was a purple liquid.
F-15	1500	55-gallon drum labeled "EZ MUL-DP", the ninth barrel counting from the south fence located in the SW corner of property. Sample was a purple liquid.
F-16	1505	55-gallon drum, without a lid, orange in color, labeled "5 % matrix", located about 30 feet east of the west fence and 30 feet north of the south fence. Sample was a purple liquid.
F-17	1510	White solid with greenish-blue particles in it, collected from a large cardboard box located near SE corner of the north building.

F-18	1522	Stormdrain located in the SW corner near the south building. Sample is runoff water.
F-19	1533	Soil sample collected from apparent spill area 30 feet south of south building door, about 2 feet from the pavement.
F-20	1535	Bluish-black tar-like material collected 60 feet south of south building in apparent spill area.
F-21	1540	Soil sample collected from sandy pile of material about 45 feet east of southeast corner of south building.
F-22	1543	Soil sample from apparent spill area located about 118 feet east of SE corner of south building.
F-23	1550	Water and sediment sample collected from a pool of runoff water from a drum storage area located about 160 feet east of SE corner of south building. Red and purple pools under pallets. The sample was purplish-red in color.
F-24	1555	Water from open manhole about 80 feet south of the south building.
	4/25/85	
F-25	1600	55-gallon blue drum inside south building near north

loading dock, labeled "cadmium compound" on one side and taped to the drum was a white piece of paper with "T1594" and blank "5933". Vapors were vented when the bung was opened. Sample was a clear liquid.

4/26/85

F-26	1015	Background soil collected about 50 yards south west of the southwest corner of the property, west of the railroad tracks.
F-27	1044	Blank sample consisting of distilled water.

Proper packaging, labeling, and chain of custody procedures were followed. The samples were relenquished to the NEIC laboratory for analysis.